EXHIBIT B-1 (Continued)

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 2 of 99

IN ACCOUNT WITH



12 Fountain Plaza | Buffalo, NY 14202-2292 | Tel 716.856.0600 | Fax 716.856.0432 www.jaeckle.com

TAX I.D. 16-0774920

Delphi Technologies

Attn: Paul Marshall M/C 480.410.202

P.O. Box 5052

Troy, Michigan 48007

January 31, 2008

ID: 89190

Invoice 147933

For Services Rendered Through December 31, 2007

Current Fees

58,924.50

Current Disbursements

8,671.13

Total This Invoice

67,595.63

Fee Reca	p		
Timekeeper	Hours	Rate/Hour	Amount
Joseph W. Allen	0.30	220.00	66.00
Dennis B. Danella	91.70	195.00	17,881.50
Ronald J. Kisicki	77.20	250.00	19,300.00
Dennis K. Schaeffer	17.50	200.00	3,500.00
Bradley A. Hoppe	5.40	120.00	648.00
Gudrun Passlack Ph.D.	54.40	180.00	9,792.00
Joyce Petruzzelli	2.70	85.00	229.50
Robert C. Brown	45.50	165.00	7,507.50
Total	s 294.70		58,924.50

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Delphi Technologies January 31, 2008 Page 1 Invoice 147933-21

ID: 89190-115303

Re: Silver Braze Alloy Modification (DP-310953)

		Fees			
Date	Atty	Description	I	Iours	Amount
12/18/07	RJK	Preliminary review of Advisory Action.		0.30	75.00
12/21/07	DBD	Prepare Notice of Appeal.		0.30	58.50
12/21/07	RJK	Review Advisory Action; advise P. Marshall re: for prosecution; review Notice of Appeal.	ollow-up	0.60	150.00
		To	tal Fees		283.50
		Disbursements			
Date	Desc	ription			Amount
12/27/07	USPI	O fees - Notice of an Appeal			510.00
		To	tal Disbursements		510.00

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Delphi Technologies January 31, 2008 Page 1 Invoice 147933-34

ID: 89190-136903

Re: Efficient, High Recycle Endothermic Reforming Strategy for High Temperature Fuel Cell System (DP-311375)

		Fees		
Date	Atty	Description	Hours	Amount
12/20/07	DBD	Review Advisory Action.	0.30	58.50
12/21/07	DBD	Prepare Notice of Appeal.	0.30	58.50
12/21/07	RJK	Review Advisory Action; advise P. Marshall re: follow-up prosecution; review Notice of Appeal before filing with USPTO.	0.60	150.00
		Total Fees		267.00
		Disbursements		
Date	Desc	ription		Amount
12/27/07	USPI	O fees - Extension of Time for Filing a Response to the Office Ac	ction	120.00
12/27/07	USPT	O fees - Notice of Appeal		510.00
		Total Disbursen	nents	630.00

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Delphi Technologies January 31, 2008 Page 1 Invoice 147933-15

ID: 89190-094604

Re: Vane Type Cam Phaser Variable Initial Bias Spring Load Adjustment During Assembly DP-312551

		Rees		
Date	Atty	Description	Hours	Amount
12/26/07	DBD	Review patent application, Office Action and cited references; prepare response to Office Action.	3.00	585.00
12/26/07	RJK	Review Office Action and references; develop strategy of response.	0.90	225.00
12/27/07	DBD	Prepare response to Office Action.	4.20	819.00
12/27/07	RJK	Review/revise response to Office Action; file with USPTO.	0.50	125.00
		Total Fees		1,754.00
		Disbursements		
Date	Desc	ription		Amount
12/28/07	USPT	O fees - Amendment and Response to Office Action		210.00
		Total Disbursem	ents	210.00

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ID: 89190-129305

Re: Delphi Gas Exchange Management System (DP314540)

SurfestAthurkéj Frasi		Fees		
Date	Atty	Description	Hours	Amount
12/18/07	RJK	Discuss examiner's request for a terminal disclaimer with Danella.	h D. 0.30	75.00
12/26/07	DBD	Prepare interview summary and terminal disclaimer; file USPTO.	with 0.50	97.50
		Total Fe	es	172.50
		Disbursements		
Date	Desc	ription		Amount
12/31/07	USP	ΓO fees - Statutory Disclaimer		130.00
		Total Di	sbursements	130.00

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ID: 89190-038306

Re: Delphi Fee Application

		Fees		
Date	Atty	Description	Hours	Amount
12/03/07	JWA	File certificate of service in 6th interim fee application.	0.30	66.00
•		Total Fees		66.00
		Dispursements		
Date	Desc	ription		Amount
12/18/07	- JW	A fedex to John Sheehan/Delphi 11/30/07		17.11
12/18/07	- JW	A fedex to Clerk US Bankruptcy Court 11/30/07		17.11
12/18/07	- JW	A fedex to Brad Eric Scheler/Fried Frank Harris 11/30/07	•	17.11
12/18/07	- JW	A fedex to John William Butler/Skaden Arps SlateBrad Eric Scheler/I	Fried Frank	19.40
12/18/07	- JW	A fedex to Robert Rosenberg/Latham & Watkins 11/30/07		17.11
12/18/07	- JW	A fedex to Legal Cost Control 11/30/07		17.11
12/18/07	- JW	A fedex to Valerie Venable/GE Plastics . 11/30/07		19.40
12/18/07	- JW	A fedex to Hon. Robert Dra/US Bankruptcy 11/30/07		17.11
12/18/07	- JW	A fedex to Alicia Leonhard/Office of US Trustee SDNY 11/30/07		17.11
12/18/07	- JW	A fedex to Douglas Dethy/DC Capital Advisors 11/30/07		17.11
12/18/07	- JW	A fedex to General Counsel/Delphi Corp. 11/30/07		17.11
12/18/07	- JW	A fedex to David Sherbin/Delphi Corp. 11/30/07		17.11
12/18/07	- JW	A fedex to Kenneth Ziman/SImpson Thacher & Bartlett 11/30/0)7	17.11
12/18/07	- JW	A fedex to Marlane Melican/Davis Polk & Wardwell 11/30/07		17.11
		Total Disbursemen	ıts	244.12

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ID: 89190-408906

Re: Control Strategy of Glow Plug Ignition Inside an Air Fuel Hydrogen Reformer (DP-315412)

		Fees		
Date	Atty	Description	Hours	Amount
12/06/07	RJK	Review and revise application; send to inventors for review.	2.80	700.00
12/10/07	JP	Review drawings to formalize and send to draftsman.	0.30	25.50
12/10/07	RJK	Make final changes to application.	0.30	75.00
12/11/07	JP	Review formal drawings received from draftsman.	0.40	34.00
12/13/07	DBD	Review transmittal papers for filing patent application with the USPTO.	0.30	58.50
		Total Fees		893.00
		Disbursements		
Date	Desci	ription		Amount
12/14/07	- Exp	ress mail - Commissioner for Patents 12/13/07		16.25
12/14/07	Agent	charges for services/disbursements - Formal Drawings		300.00
12/18/07	USPT	O fees - Basic Utility Filing Fee		310.00
12/18/07	USPT	O fees - Utility Search Fee		510.00
12/18/07	USPT	O fees - Utility Examination Fee		210.00
12/18/07	USPT	O fees - Recording Each Patent Assignment		40.00
12/31/07	Feder	al Express charges - 12/7/07 to Brian K. Allston		30.76
		Total Disbursem	ents	1,417.01

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ID: 89190-418906

Re: Fuel Injection Compensation During Transient Response of Pre-Mixed Combustion (DP-315445)

		Fees		
Date	Atty	Description	Hours	Amount
12/06/07	RJK	Review and revise application; send to inventors for review.	4.10	1,025.00
12/18/07	JP	Review drawings to formalize and send to draftsman.	0.10	8.50
12/19/07	JP	Review formal drawings received from draftsman.	0.20	17.00
12/21/07	DBD	Review transmittal papers for filing patent application with the USPTO.	0.30	58.50
		Total Fees		1,109.00
		Disbursements		
Date	Desc	ription		Amount
12/20/07	Agen	t charges for services/disbursements - Drawings		150.00
12/26/07	- Exp	oress mail - Commissioner for Patents 12/21/07		16.25
12/27/07	USPI	O fees - Basic Utility Filing Fee		310.00
12/27/07	USPI	O fees - Utility Search Fee		510.00
12/27/07	USPT	O fees - Utility Examination Fee		210.00
12/27/07	USPT	O fees - Recording each Patent Assignment		-40.00
		Total Disbursem	ents	1,236.25

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ID: 89190-419006

Re: Optimal Control of Injection Timing to Maximize Fuel Economy for Compression Ignition Engines (DP-315634)

		Fees		
Date	Atty	Description	Hours	Amount
12/07/07	RJK	Review and revise application; send to inventors for review.	3.30	825.00
12/10/07	JP	Review drawings to formalize and send to draftsman.	0.20	17.00
12/11/07	JP	Review formal drawings received from draftsman.	0.30	25.50
		Total Fees		867.50
		Disbursements		
Date	Desc	ription		Amount
12/14/07	Agen	t charges for services/disbursements - Formal Drawings		150.00
		Total Disburser	ne nts	150.00

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ID: 89190-419106

Re: Method for Estimation of Volatile/Combustible Soot Mass Fraction for Regen Control of a Diesel Particulate Filter (DP-315635)

		Fees		
Date	Atty	Description	Hours	Amount
12/07/07	RJK	Review and revise application; send to inventors for review.	0.50	125.00
12/20/07	JP	Review drawings to formalize and send to draftsman.	0.20	17.00
12/21/07	JP	Review formal drawings received from draftsman.	0.30	25.50
		Total Fees		167.50
		Disbursements		
Date	Desc	ription		Amount
12/26/07	Agen	t charges for services/disbursements - Drawings		150.00
		Total Disburser	nents	150.00

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ID: 89190-419406

Re: Soot Clearing Control Method for Regeneration of a Diesel Particulate Filter (DPF) (DP-315669)

Date	Atty	Description	Hours	Amount
12/07/07	RJK	Review and revise application; send to inventors for review.	1.50	375.00
12/11/07	JP	Review drawings to formalize and send to draftsman.	0.30	25.50
12/12/07	JP	Review formal drawings received from draftsman.	0.40	34.00
		Total Fees		434.50
		Disbursements		
Date	Desc	ription		Amount
12/14/07	Ager	t charges for services/disbursements - Formal Drawings	•	345.00
		Total Disburse	nents	345.00

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Invoice 147933-47

ID: 89190-429306

Re: Improved Switchable Cam Follower (DP-315973)

Date	Atty	Fees Description	Hours	Amount
12/03/07	DBD	Prepare response to Notice to File Missing Parts and file with USPTO.	1.90	370.50
		Total Fees		370.50
		Disbursements		
Date	Desc	ription		Amount
12/18/07	USPI	TO fees - Surcharge - Filing Fee		130.00
		Total Disbursem	ie nts	130.00

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ID: 89190-030707

Re: Fast and Low Variation Pressure Control Valve (DP-316131)

		Fees		
Date	Atty	Description	Hours	Amount
12/04/07	DBD	Review transmittal papers for filing patent application with USPTO.	the 0.30	58.50
		Total Fees		58.50
		Disbursements		
Date	Desci	ription		Amount
12/05/07	Expre	ss Mail - Commissioner for Patents 12/4/07		16.25
12/18/07	USPT	O fees - Basic Utility Filing Fee		310.00
12/18/07	USPT	O fees - Utility Search Fee	•	510.00
12/18/07	USPT	O fees - Utility Examination Fee		210.00
12/18/07	USPT	O fees - Recording Each Patent Assignment		40.00
*		Total Disb	ursements	1,086.25

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ID: 89190-063207

Re: Use of machined scallops in fuel conduit to match radii of injector sockets and mounting bosses (DP-316587)

		Fees		
Date	Atty	Description	Hours	Amount
12/11/07	DBD	Review transmittal papers for filing patent application with the USPTO.	0.30	58.50
12/11/07	GP	Finalize draft of patent application.	0.30	54.00
		Total Fees		112.50
		Disbursements		
Date	Desc	ription		Amount
12/12/07	Expre	ss Mail - Commissioner for Patents 12/11/07		16.25
12/18/07	USPT	O fees - Basic Utility Filing Fee		310.00
12/18/07	USPT	O fees - Utility Search Fee		510.00
12/18/07	USPT	O fees - Utility Examination Fee		210.00
12/18/07	USPT	O fees - Recording Each Patent Assignment		40.00
12/18/07	USPT	O fees - Claims in Excess of 20		50.00
12/18/07	USPT	O fees - Independent Claims in Excess of 3		210.00
		Total Disbursem	e nts	1.346.25

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Invoice 147933-11

ID: 89190-063407

Re: Mismatch radii to allow use of resistance welding to bond sockets and bosses to fuel rail conduit (DP-316586)

		Fees		
Date	Atty	Description	Hours	Amount
12/11/07	DBD	Review transmittal papers for filing patent application w USPTO.	with the 0.30	58.50
12/11/07	GP	Finalize draft of patent application.	0.30	54.00
		Total Fe	ees	112.50
		Disbursements		
Date	Desc	ription		Amount
12/12/07	Expre	ss Mail - Commissioner for Patents 12/11/07		16.25
12/18/07	USPT	O fees - Basic Utility Filing Fee	•	310.00
12/18/07	USPT	O fees - Utility Search Fee		510.00
12/18/07	USPT	O fees - Utility Examination Fee		210.00
12/18/07	USPT	O fees - Recording Each Patent Assignment		40.00
		Total D	is burs e ments	1,086.25

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Invoice 147933-18

ID: 89190-104704

Re: Insertable Alloy via Interconnect for SOFC Stack (DP-312282)

		Fees		
Date	Atty	Description	Hours	Amount
12/19/07	RJK	Preliminary review of Office Action and references.	0.30	75.00
		Total Fees		75.00

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Invoice 147933-19

ID: 89190-104904

Re: Composite Thermoset Pem Manifold (DP-312099)

		Fees		
Date	Atty	Description	Hours	Amount
12/07/07	RJK	Preliminary review of Office Action and references.	0.30	75.00
		Total Fees		75.00

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ID: 89190-115503

Re: Use of Upstream Reformate Combustor during System Start-Up (DP-310812)

		Fees		
Date	Atty	Description	Hours	Amount
12/07/07	RJK	Preliminary review of Office Action and references.	0.30	75.00
		Total Fees	6	75.00

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ID: 89190-116004

Re: Hydrogen Reformer with Upstream Combustor DP-312621

		Fees		
Date	Atty	Description	Hours	Amount
12/26/07	RJK	Preliminary review of Office Action and references.	0.30	75.00
		Total Fees		75.00

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ID: 89190-153802

Re: (DP308139) Passive Gas Spring for Solid-Oxide Fuel Cell Stack Loading-Full Application

	Y. Harin	Fees		
Date	Atty	Description	Hours	Amount
12/18/07	RJK	Review examiner's Answer.	0.50	125.00
		7	Cotal Fees	125.00

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ID: 89190-072701

Re: (DP304867) Embossed, Thin, Foil Interconnect Design

Date	Atty	Description	Hours	Amount
12/03/07	DBD	Review patent application, Final Office Action and cited references. Begin preparing response to Office Action.	3.80	741.00
12/03/07	RJK	Review Office Action and references; develop response strategy.	0.80	200.00
12/04/07	DBD	Complete response to Office Action; brief egin drafting 37 CFR 1.132 declaration.	5.10	994.50
12/04/07	RJK	Discuss details of needed declaration with D. Danella; phone conference with inventors to discuss content of declarations.	0.60	150.00
12/10/07	DBD	Complete Declaration Under 37 CFR 1.132 by Diane England; send Dr. England draft of Declaration for review.	3.70	721.50
12/10/07	RJK	Phone conference with D. England to review content of declaration; discuss with D. Danella.	0.60	150.00
		Total Fees		2,957.00

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Invoice 147933-13

ID: 89190-077602

Re: (DP308121) SOFC System Oxygen Getters

		Fees		
Date	Atty	Description	Hours	Amount
12/19/07	RJK	Preliminary review of Office Action and references.	0.30	75.00
		Total Fees		75.00

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Invoice 147933-14

ID: 89190-079102

Re: (DP308137) Fuel Combustor to Pre-heat Fuel Reformer w/Low Emissions

			Fees		
Date	Atty	Description	Ho	ours	Amount
12/03/07	RJK	Review decision.		0.30	75.00
			Total Fees		75.00

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ID: 89190-098402

Re: (DP307688) Non-Contact Fuel Vaporizer - US Reg

		Fees		
Date	Atty	Description	Hours	Amount
12/07/07	RJK	Preliminary review of Office Action and references.	0.30	75.00
		Total Fees		75.00

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ID: 89190-99R343

Re: General IP Patent Matters

Date	Atty	Description	Hours	Amount
12/03/07	RJK	(GDI clearance) Search prior art and review references; phone conference with P. Marshall to discuss.	1.70	425.00
12/08/07	RJK	Review ROIs in preparation for 12/10 PRM.	1.40	350.00
12/10/07	RJK	Attend PRM; advise J. Haines re: coverage of current Delphi LOMA patents.	2.80	700.00
12/11/07	RJK	(DP-317274) Preliminary search of lock pin prior art for next patent review meeting.	0.60	150.00
12/12/07	RJK	Review ROIs for 12/13 PRM.	0.70	175.00
12/13/07	RJK	Attend PRM.	1.10	275.00
12/14/07	RJK	(2 pc wiper seal project) Review file; phone conference with P. Marshall to review search results.	1.10	275.00
12/17/07	RJK	(GDI project) Summarize search results; advise P. Marshall.	0.50	125.00
12/17/07	RJK	(Intermediate Lock Pin Project) Review new material sent from T. Fischer; summarize search results; advise P. Marshall.	1.70	425.00
		Total Fees		2,900.00

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ID: 89190-097405

Re: In Exhaust Reformate Burner Device (DP-314248)

Date	Atty	Description	Hours	Amount
12/18/07	DBD	Review patent application, Office Action, and cited references.	1.70	331.50
12/20/07	RJK	Review Office Action and references; develop response strategy.	0.70	175.00
12/21/07	DBD	Review patent application, Office Action, and cited references; prepare response to Office Action.	6.00	1,170.00
12/21/07	RJK	Review/revise response to Office Action.	0.80	200.00
		Total Fees		1,876.50

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ID: 89190-113905

Re: Method and System for Regenerating Nox Adsorbers and/or Particulate Filters (DP 307939)

		Fees		
Date	Atty	Description	Hours	Amount
12/05/07 I	DBD	Prepare response to Patent Office Notice.	1.20	234.00
		T	otal Fees	234.00

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ID: 89190-115405

Re: Locking Pin Mechanism for a Vane-Type Cam Phaser (DP-314489)

		Fees		
Date	Atty	Description	Hours	Amount
12/12/07	RJK	Preliminary review of Office Action and references.	0.30	75.00
		Total Fees		75.00

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Invoice 147933-25

ID: 89190-118805

Re: Algorithm for DPT Burnout Using DNT Catalyst with Reformate (DP-314378 & DP314379)

		Fees		
Date	Atty	Description	Hours	Amount
12/10/07	RJK	Preliminary review of Office Action.	0.30	75.00
		To	otal Fees	75.00

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ID: 89190-129105

Re: Face Seal Variable Cam Phaser (DP-314579)

Date Atty	Description	Hours	Amount
12/04/07 DBD	Review patent application, Office Action and cited reference.	1.50	292.50
12/04/07 RJK	Review Office Action; develop response strategy.	0.90	225.00
12/05/07 DBD	Prepare response to Office Action; file with USPTO.	4.90	955.50
	Review/revise response.	0.50	125.00

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 33 of 99

Delphi Technologies January 31, 2008 Page 1 Invoice 147933-29

ID: 89190-129505

Re: Injector Fuel Filter with Built-in Orifice for Flow Restriction (DP-314200)

Fees				
Date	Atty	Description	Hours	Amount
12/10/07 RJK	RJK	Preliminary review of Office Action.	0.30	75.00
		To	tal Fees	75.00

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 34 of 99

Delphi Technologies January 31, 2008 Page 1

Invoice 147933-38

ID: 89190-279006

Re: Interference Re: Patent No. 6,578,535 (DP-307380)

		Fees		
Date	Atty	Description	Hours	Amount
12/03/07	BAH	Continued rough draft of portion of reply brief.	1.30	156.00
12/03/07	RJK	Review Geyer's responsive brief.	1.40	350.00
12/04/07	DBD	Prepare objection to Geyer Exhibit 1086.	0.30	58.50
12/04/07	BAH	Continue drafting portion of reply brief.	1.80	216.00
12/04/07	RJK	Review Geyer's objections to exhibits; phone conference with M. Spath to schedule follow-up deposition.	0.70	175.00
12/05/07	DBD	Prepare and file Objections to Exhibits 1086 and 2036.	0.30	58.50
12/05/07	BAH	Finished draft of portion of reply argument that a drawing constitutes an actual reduction to practice.	2.30	276.00
12/05/07	RJK	Review file and responsive brief; preliminary discussions with D. Danella re: framework of reply brief; discuss objections to exhibits with D. Danella.	2.30	575.00
12/06/07	DKS	Review memorandum on reduction to practice issue; preliminary review of Spath transcript.	0.50	100.00
12/07/07	DKS	Review and revise draft reply portion; additional legal research regarding analogous evolution of standards in patent arena; continued review and consideration of Spath transcript.	2.00	400.00
12/10/07	DBD	Review Geyer Opposition 3.	0.50	97.50
12/10/07	DKS	Continue draft and revision of portion of reply brief, review and consideration of principal and opposition papers and Spath transcript in connection with same.	4.60	920.00
12/11/07	DBD	Review Geyer's Objections to evidence submitted with Spath Opposition 1; prepare replacement Declaration for Mark Spath; prepare e-mails to Mark Spath and Nick Hendriksma regarding Exhibits 2042 and 2043.	5.00	975.00
12/11/07	DKS	Ongoing drafting and revision of portion of reply brief, review and consideration of principal and opposition papers and Spath transcript in connection with same, additional revision of reply draft in view of PTO rules.	4.50	900.00
12/12/07	DBD	Prepare replacement Declaration for Mark Spath and replacement exhibit list.	3.90	760.50
12/12/07	DBD	Begin preparation of Spath Reply 3, including portion developed by D. Schaffer	3.90	760.50
12/12/07	DKS	Ongoing revisions to portion of reply brief with specific regard to conforming same to PTO rules; further review and consideration of case law cited in reply.	2.00	400.00
12/12/07	RJK	Discuss strategy of response to evidence objections with D. Danella (.5); first review of reduction to practice argument (.6).	1.10	275.00

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 35 of 99

Delphi Technologies January 31, 2008 Page 2 Invoice 147933-38

ID: 89190-279006

Re: Interference Re: Patent No. 6,578,535 (DP-307380)

Date	Atty	Description	Hours	Amount
12/13/07	DBD	Conduct four telephone conferences with Mark Spath regarding replacement Declaration; revise Declaration.	2.30	448.50
12/13/07	DBD	Continue working on Spath Reply 3, including incorporating prior brief portion into Reply.	6.20	1,209.00
12/13/07	RJK	Discuss response to evidence objections with D. Danella; phone calls with M. Spath to review; review and revise response.	2.70	675.00
12/14/07	DBD	Continue working on Spath Reply 3.	5.90	1,150.50
12/14/07	DKS	Review file and consider additional changes to brief; office conference with Bradley A. Hoppe regarding same.	0.30	60.00
12/17/07	DBD	Continue working on Spath Reply 3.	6.00	1,170.00
12/17/07	RJK	Review first draft of reply brief.	1.10	275.00
12/18/07	DBD	Further changes to Spath Reply 3; conduct further legal research.	5.10	994.50
12/18/07	RJK	Review and review brief.	3.80	950.00
12/19/07	DBD	Edit Spath Reply 3; prepare statement of material facts and list of exhibits cited in Reply Brief.	7.70	1,501.50
12/19/07	DKS	Revisions to portion of reply brief-with specific regard for reducing length in view of PTO rules, review of record in connection with same.	2.60	520.00
12/19/07	RJK	Review cases cited with reply; further revisions to brief; forward to client for review; review statement of facts.	3.40	850.00
12/20/07	DBD	Edit Spath Reply 3; file and serve Spath Reply 3.	4.30	838.50
12/20/07	DKS	Additional legal research regarding propositions concerning conception, reduction to practice, revise draft reply accordingly and consideration of same.	1.00	200.00
12/20/07	RJK	Make final edits to brief; discuss brief with W. Cosnowski; finalize and file.	3.20	800.00
		Total Fees		19,096.00

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 36 of 99

Delphi Technologies January 31, 2008 Page 1 Invoice 147933-40

ID: 89190-409006

Re: Reformer Thermal Management with Rapid Transient Response and Convective Cooling (DP-315878)

Date	Atty	Description	Hours	Amount
12/04/07	RJK	Review disclosure with R. Brown.	0.50	125.00
12/12/07	RCB	Start draft of patent application.	5.40	891.00
12/13/07	RCB	Continuation of draft application.	6.30	1,039.50
12/14/07	RCB	Complete draft of application.	3.30	544.50
12/18/07	RJK	Discuss related application with R. Brown.	0.40	100.00
12/19/07	RJK	Preliminary review of draft application and claims.	2.60	650.00
12/28/07	RJK	Make further revisions to draft application.	1.30	325.00
		Total Fees		3,675.00

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 37 of 99

Delphi Technologies January 31, 2008 Page 1 Invoice 147933-41

ID: 89190-411006

Re: A System and Method of Heating an Exhaust Treatment Device (DP-311295)

		Fees		
Date	Atty	Description	Hours	Amount
12/31/07	DBD	Review Office Action and pending claims.	0.40	78.00
		Total 1	Fees	78.00

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 38 of 99

Delphi Technologies January 31, 2008 Page 1

Invoice 147933-45

ID: 89190-419206

Re: Method for Catalyst Temperature Gradient and Thermal Control of a Diesel Particulate Filter (DP-315636)

		Fees		
Date	Atty	Description	Hours	Amount
12/12/07	RJK	Discuss further changes with inventor; make changes.	1.20	300.00
		Total Fees		300.00

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 39 of 99

Delphi Technologies January 31, 2008 Page 1 Invoice 147933-3

ID: 89190-007907

Re: Economical Tubular, Metallic Substrate Reformer (DP-316124)

		Fees		
Date	Atty	Description	Hours	Amount
12/04/07	RJK	Review disclosure with R. Brown.	0.50	125.00
		To	ital Fees	125.00

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 40 of 99

Delphi Technologies January 31, 2008 Page 1 Invoice 147933-4

ID: 89190-027307

Re: Flow Sensing Fuel System for Safety Control and Engine Protection (DP-316096)

Date	Atty	Description	Hours	Amount
12/14/07	RJK	Review/revise draft application; forward to G. Passlack for finalization.	0.60	150.00
		Total Fees		150.00

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 41 of 99

Delphi Technologies January 31, 2008 Page 1 Invoice 147933-5

ID: 89190-028307

Re: Zero End Clearance Phaser (DP-316219)

Date	Atty	Description	Hours	Amount
12/18/07	RCB	Start draft of patent application.	5.30	874.50
12/19/07	RCB	Continuation of draft application.	7.20	1,188.00
12/20/07	RCB	Complete draft of application.	3.50	577.50
12/21/07	RJK	Preliminary review of draft application and claims.	2.70	675.00
12/28/07	RJK	Further review/revision to draft.	1.30	325.00
		Total Fees		3,640.00

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 42 of 99

Delphi Technologies January 31, 2008 Page 1 Invoice 147933-7

ID: 89190-030807

Re: Pressure Attenuated Pump Piston Design (DP-316207)

Date	Atty	Description	Hours	Amount
12/04/07	GP	Continue draft of patent application.	4.30	774.00
12/05/07	GP	Continue draft of patent application.	4.20	756.00
12/07/07	GP	Continue draft of patent application.	5.50	990.00
12/10/07	GP	Continue draft of patent application.	2.30	414.00
12/11/07	GP	Complete draft of patent application; prepare drawings.	5.40	972.00
12/14/07	RJK	Preliminary review of draft application and claims.	0.90	225.00
		Total Fees		4,131.00

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 43 of 99

Delphi Technologies January 31, 2008 Page 1 Invoice 147933-9

ID: 89190-041107

Re: Laser Sealing of Injector Solenoids (DP-316174)

		Fees		
Date	Atty	Description	Hours	Amount
12/03/07	GP	Complete draft of patent application and drawings.	1.20	216.00
12/03/07	RJK	Preliminary review of draft application.	2.00	500.00
		Total Fees		716.00

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 44 of 99

Delphi Technologies January 31, 2008 Page 1 Invoice 147933-26

ID: 89190-121707

Re: Compliant Pole with Integral Mechanical Energy Attentuating Capabilities DP-316991

		Fees		
Date	Atty	Description	Hours	Amount
12/04/07	GP	Review materials; contact inventor.	0.90	162.00
12/07/07	GP	Telephone conversation with inventor to discuss disclosure.	0.70	126.00
		Total Fees		288.00

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 45 of 99

Delphi Technologies January 31, 2008 Page 1 Invoice 147933-31

ID: 89190-132207

Re: Bottom Load Deactivation Hydraulic Lash Adjuster DP-316963

Date	Attv	Fees Description	Hours	Amount
12/05/07		Start draft of patent application.	6.60	1,089.00
12/06/07		Continuation of draft application.	7.90	1,303.50
12/10/07	RJK	Preliminary review of draft application and claims.	2.10	525.00
		Total Fees		2,917.50

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 46 of 99

Delphi Technologies January 31, 2008 Page 1 Invoice 147933-30

ID: 89190-132107

Re: Variable Shim for Setting Stroke on Fuel Injectors DP-317103

Date	Atty	Description	Hours	Amount
12/04/07	GP	Review materials; contact inventor.	1.10	198.00
12/07/07	GP	Telephone conversation with inventor to discuss disclosure.	0.60	108.00
12/12/07	GP	Start draft of patent application.	3.30	594.00
12/14/07	GP	Continue draft of patent application.	4.20	756.00
12/17/07	GP	Continue draft of patent application.	8.20	1,476.00
12/18/07	GP	Complete draft of patent application and drawings.	3.90	702.00
12/19/07	RJK	Preliminary review of draft application and claims.	1.10	275.00
		Total Fees		4,109.00

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 47 of 99

Delphi Technologies January 31, 2008 Page 1 Invoice 147933-32

ID: 89190-132907

Re: Composite Valve Plate Assembly - Loma DP-317077

Date	Atty	Description	Hours	Amount
12/19/07	RJK	Further discussion of disclosure with R. Brown.	0.30	75.00
12/20/07	RJK	Review disclosure with D. Smith to identify novelty; advise J. Haines; review disclosure with R. Brown to expedite.	1.40	350.00
		Total Fees		425.00

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 48 of 99

Delphi Technologies January 31, 2008 Page 1 Invoice 147933-33

ID: 89190-133107

Re: Fuel Injector Lower Filter Welded to Seat DP-317000

		Fees		
Date	Atty	Description	Hours	Amount
12/04/07	GP	Review materials; contact inventor.	0.50	90.00
		Tota	l Fees	90.00

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 49 of 99

Delphi Technologies January 31, 2008 Page 1 Invoice 147933-36

ID: 89190-155607

Re: Valley Cover Loma with OCV Seats Integral to Carrier Gasket DP-316747

Date	Atty	Description	Hours	Amount
12/11/07	RJK	Review disclosure material with G. Passlack (include 443, 444, 445, 446 and 447 disclosures)	1.20	300.00
12/13/07	GP	Review materials; prepare telephone discussion of disclosure with inventor.	2.50	450.00
12/14/07	GP	Telephone conversation with inventor to review disclosure and drawings.	0.60	108.00
12/19/07	GP	Start draft of patent application.	1.80	324.00
12/20/07	GP	Continue draft of patent application.	1.20	216.00
12/21/07	GP	Continue draft of patent application.	1.40	252.00
		Total Fees		1,650.00

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 50 of 99

Delphi Technologies January 31, 2008 Page 1 Invoice 147933-37

ID: 89190-156707

Re: Cam Profile Design for End Pivot Follower DP-317240

		Fees		
Date	Atty	Description	Hours	Amount
12/11/07	RJK	Review disclosure material with R. Brown.	0.60	150.00
			Total Fees	150.00

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 51 of 99

Delphi Technologies January 31, 2008 Page 1 Invoice 147933-1

ID: 89190-003108

Re: Selection Criteria for use of Monolith or Foam Substrates in Laminar Flow Conditions DP-316361

		Fees		
Date	Atty	Description	Hours	Amount
12/13/07	RJK	Review additional background material.	0.40	100.00
12/18/07	RJK	Review draft claims received from inventor.	0.30	75.00
		To	tal Fees	175.00

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 52 of 99

Delphi Technologies January 31, 2008 Page 1 Invoice 147933-2

ID: 89190-003208

Re: Micro Dimpled Macro Planar Solid Oxide Fuel Cell Design DP-316848

		Fees		REPRESENTATION OF THE PROPERTY
Date	Atty	Description	Hours	Amount
12/13/07	RJK	Review additional background material.	0.40	100.00
		Total I	ees	100.00

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 53 of 99

IN ACCOUNT WITH



12 Fountain Plaza | Buffalo, NY 14202-2292 | Tel 716.856.0600 | Fax 716.856.0432 www.jaeckle.com

TAX I.D. 16-0774920

Delphi Technologies Attn: Paul Marshall M/C 480.410.202 P.O. Box 5052 Troy, Michigan 48007 February 28, 2008 ID: 89190 Invoice 148997

For Services Rendered Through January 25, 2008

Current Fees

50,346.00

Current Disbursements

1,608.75

Total This Invoice

51,954.75

Fee Re	сар		
Timekeeper	Hours	Rate/Hour	Amount
Dennis B. Danella	76.00	195.00	14,820.00
Ronald J. Kisicki	55.40	250.00	13,850.00
Dennis K. Schaeffer	0.50	210.00	105.00
Gudrun Passlack Ph.D.	35.10	180.00	6,318.00
Joyce Petruzzelli	2.80	85.00	238.00
Robert C. Brown	91.00	165.00	15,015.00
· To	tals 260.80		50,346.00

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 55 of 99

Delphi Technologies February 28, 2008 Page 1 Invoice 148997-17

ID: 89190-069905

Re: Deactivation Roller Hydraulic Valve Lifter DP-301015C7

		Fees		바이 이 안 일 된 기회는 항상이 한
Date	Atty	Description	Hours	Amount
01/04/08	DBD	Prepare response to Office Action.	1.00	195.00
01/06/08	RJK	Review/revise response to office action; request authorization to file.	0.40	100.00
01/07/08	RJK	Review response to Office Action; revise; forward copy of response to client for review.	0.80	200.00
		Total Fees		495.00
		Disbursements		
Date	Desc	ription		Amount
01/09/08	USPT	TO fees - 3 terminal disclaimers, 2 additional claims in excess of 20;	extension of time	950.00
		Total Disburseme	nts	950.00

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 56 of 99

Delphi Technologies February 28, 2008 Page 1

Invoice 148997-42

ID: 89190-419006

Re: Optimal Control of Injection Timing to Maximize Fuel Economy for Compression Ignition Engines (DP-315634)

		Fees		
Date	Atty	Description	Hours	Amount
01/04/08	RJK	Final review of application before filing with PTO.	0.30	75.00
01/09/08	DBD	Review transmittal papers for filing patent application with the USPTO.	0.30	58.50
		Total Fees		133.50
		Disbursements		
Date	Desc	ription		Amount
01/11/08	- Exp	oress mail - 1/9/08 Commissioner for Patents		16.25
		Total Disbursem	ents	16.25

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 57 of 99

Delphi Technologies February 28, 2008 Page 1

Invoice 148997-44

ID: 89190-419206

Re: Method for Catalyst Temperature Gradient and Thermal Control of a Diesel Particulate Filter (DP-315636)

Date	Atty	Description	Hours	Amount
01/03/08	RJK	Make changes to drawings.	0.30	75.00
01/16/08	JP	Review drawings to formalize and send to draftsman.	0.20	17.00
01/18/08	JP	Review formal drawings received from draftsman.	0.30	25.50
		Total Fees		117.50
		Disbursements		
Date	Desc	ription		Amount
01/25/08	Agen	t charges for services/disbursements - Formal drawings		350.00
		Total Disbur	sements	350.00

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 58 of 99

Delphi Technologies February 28, 2008 Page 1

Invoice 148997-30

ID: 89190-132207

Re: Bottom Load Deactivation Hydraulic Lash Adjuster DP-316963

		Fees		
Date	Atty	Description	Hours	Amount
01/14/08	DBD	Review transmittal papers for filing patent application with the USPTO.	0.30	58.50
01/14/08	RJK	Final changes to application before filing with PTO.	0.90	225.00
		Total Fees		283.50
		Disbursements		
Date	Desc	ription		Amount
01/15/08	- Exp	oress mail - Commissioner for Patents 1/14/08		16.25
		Total Disbursen	ne nts	16.25

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 59 of 99

Delphi Technologies February 28, 2008 Page 1 Invoice 148997-29

ID: 89190-132107

Re: Variable Shim for Setting Stroke on Fuel Injectors DP-317103

		Fees		
Date	Atty	Description	Hours	Amount
01/06/08	RJK	Make further changes to application.	0.60	150.00
01/07/08	GP	Edit draft of patent application; send out draft of application and drawings to inventors for review; finalize application.	1.50	270.00
01/10/08	JP	Review drawings to formalize and send to draftsman.	0.20	17.00
01/11/08	JP	Review formal drawings received from draftsman.	0.30	25.50
01/15/08	DBD	Review transmittal papers for filing patent application with the USPTO.	0.30	58.50
		Total Fees		521.00
		Disbursements		
Date	Desc	ription		Amount
01/16/08	- Exp	oress Mail - Commissioner for Patents 1/15/08		16.25
01/18/08	Agen	t charges for services/disbursements - Formal drawings		260.00
		Total Disburseme	ents	276.25

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 60 of 99

Delphi Technologies February 28, 2008 Page 1 Invoice 148997-24

ID: 89190-104904

Re: Composite Thermoset Pem Manifold (DP-312099)

	22 2 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Fees		efication is an entering and or defin
Date	Atty	Description	Hours	Amount
01/21/08	DBD	Review patent application, Office Action, and cited references.	3.00	585.00
01/25/08	DBD	Prepare response to Office Action.	0.20	39.00
01/25/08	RJK	Review Office Action and references; develop response strategy.	0.90	225.00
		Total Fees		849.00

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 61 of 99

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Invoice 148997-25

ID: 89190-105004

Re: Ceramic Coatings as Fuel Cell Cassette to Cassette Electrical Insulator (DP-312660)

Date	Atty	Description	Hours	Amount
01/15/08	DBD	Review patent application and Office Action.	2.80	546.00
01/15/08	RJK	Review Office Action and references; develop response strategy.	0.90	225.00
01/17/08	DBD	Prepare and complete response to Office Action.	6.50	1,267.50
01/17/08	RJK	Review and revise response to office action.	0.50	125.00
		Total Fees		2,163.50

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 62 of 99

Delphi Technologies February 28, 2008 Page 1

Invoice 148997-34

ID: 89190-143902

Re: Complaint Cathode & Anode Current Collector Design (DP 308851)

			Fees			
D	ate	Atty	Description	Hou	irs A	Amount
01/07/08	RJK	Review examiner's answer to appeal brief.	0.	.40	100.00	
				Total Fees		100.00

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 63 of 99

Delphi Technologies February 28, 2008 Page 1 Invoice 148997-12

ID: 89190-031002

Re: (DP307308C1) Screen Printed Silicone Gasket for Bi-Polar Plates

		Fiees		
Date	Atty	Description	Hours	Amount
01/07/08	DBD	Prepare interview summary and file with USPTO.	0.30	58.50
01/07/08	RJK	Review Interview Summary.	0.20	50.00
		Total Fees		108.50

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 64 of 99

Delphi Technologies February 28, 2008 Page 1

Invoice 148997-18

ID: 89190-072701

Re: (DP304867) Embossed, Thin, Foil Interconnect Design

Date	Atty	Description	Hours	Amount
01/03/08	RJK	Review Office Action and references; discuss content of declaration with D. Danella.	0.70	175.00
01/04/08	DBD	Conduct telephone conference with inventor Diane England; prepare response to Office Action and England Declaration Under 37 CFR 1.132.	6.00	1,170.00
01/04/08	RJK	Review/Revise response to Office Action; phone call with D. England.	0.60	150.00
		Total Fees		1,495.00

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 65 of 99

Delphi Technologies February 28, 2008 Page 1

Invoice 148997-19

ID: 89190-078902

Re: (DP308135D) Power Conditioner for Fuel Cell Undervoltage Protection and Regulated Voltage

		Fees		
Date	Atty	Description	Hours	Amount
01/04/08	RJK	Review examiner's answer to appeal brief.	0.30	75.00
		Tota	il Fees	75.00

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 66 of 99

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Invoice 148997-20

ID: 89190-079102

Re: (DP308137) Fuel Combustor to Pre-heat Fuel Reformer w/Low Emissions

		Fees		
Date	Atty	Description	Hours	Amount
01/02/08	RJK	Review decision with D. Danella.	0.30	75.00
01/07/08	DBD	Review file history to develop strategy after appeal.	0.40	78.00
		Total Fees		153.00

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 67 of 99

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Invoice 148997-21

ID: 89190-079602

Re: (DP308160) Convective Flow Vented SOFC System Enclosure

Date	Atty	Description	Hours	Amount
01/10/08	DBD	Review Examiner's Answer and formulate arguments for potential Reply.	2.20	429.00
01/10/08	RJK	Review brief; develop reply strategy.	0.40	100.00
01/11/08	DBD	Review Examiner's Answer; begin preparing reply brief.	2.20	429.00
01/25/08	DBD	Prepare Reply Brief and file with USPTO.	4.20	819.00
01/25/08	RJK	Review/Revise reply brief; advise P. Marshall of content.	0.80	200.00
		Total Fees		1,977.00

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 68 of 99

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Invoice 148997-45

ID: 89190-99R343

Re: General IP Patent Matters

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Date	Atty	Description	Hours	Amount
01/08/08	RJK	(DP-317274) Complete prior art search for patent review meeting.	1.10	275.00
01/08/08	RJK	(DP-308123) Research file; advise K. Brown re: status of abandonment.	0.30	75.00
01/09/08	RJK	Review disclosures in preparation for patent review meeting.	1.60	400.00
01/10/08	RJK	Attend patent review meeting.	5.20	1,300.00
01/17/08	RJK	Phone call with M Spath to discuss new disclosure.	0.50	125.00
01/17/08	RJK	(Amend Inventorship Project) Discuss project of adding inventors with D. Danella.	0.40	100.00
01/18/08	RJK	Review new RFF disclosure received from Spath; advise client.	0.60	150.00
01/18/08	DBD	(Amend Inventorship Project) Conduct research regarding procedure for adding inventors to various applications and one patent.	1.10	214.50
		Total Fees		2,639.50

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 69 of 99

Delphi Technologies February 28, 2008 Page 1 Invoice 148997-15

ID: 89190-049505

Re: Improved Hydraulic Lash Adjuster with Check-Valve Cartridge - DP-313795

Date Atty	Description	Hours	Amount
01/17/08 DBD	Review patent application and Office Action.	0.80	156.00
01/18/08 DBD	Prepare response to Office Action.	7.50	1,462.50
01/18/08 RJK	Review Office Action; develop response strategy; review/revise response.	1.30	325.00

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 70 of 99

Delphi Technologies February 28, 2008 Page 1 Invoice 148997-23

ID: 89190-097505

Re: Diesel Fuel Dispersion and Vaporization in Diesel Reformers (DP-313737)

		Fees		
Date	Atty	Description	Hours	Amount
01/22/08	RJK	Preliminary review of Office Action and references.	0.30	75.00
		Total Fees		75.00

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 71 of 99

Delphi Technologies February 28, 2008 Page 1 Invoice 148997-26

ID: 89190-106605

Re: Fast Light Off Nox Adsorber System (DP-314352)

		Fees		
Date	Atty	Description	Hours	Amount
01/17/08	RJK	Review examiner's answer.	0.30	75.00
		To	tal Fees	75.00

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 72 of 99

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Invoice 148997-28

ID: 89190-129505

Re: Injector Fuel Filter with Built-in Orifice for Flow Restriction (DP-314200)

Date	Atty	Description	Hours	Amount
01/07/08	DBD	Review patent application, Office Action and cited references.	1.30	253.50
01/07/08	RJK	Review Office Action and references; develop response strategy.	0.90	225.00
01/08/08	DBD	Begin to prepare response to Office Action.	2.80	546.00
01/14/08	DBD	Prepare response to Office Action.	4.20	819.00
01/14/08	RJK	Review/revise response to OA.	0.50	125.00
		Total Fees		1,968.50

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 73 of 99

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ID: 89190-132905

Re: Cam Phasing System with Mid-Position Engine Shut Down (DP-313928)

		Rees		
Date	Atty	Description	Hours	Amount
01/10/08	RJK	Preliminary review of Office Action.	0.30	75.00
		Tot	al Fees	75.00

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 74 of 99

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Invoice 148997-14

ID: 89190-048206

Re: Bias Spring System for Assisting Intermediate Lock Pin Reengagement (DP-315298)

Date Atty	Description	Hours	Amount
01/23/08 JP	Review drawings to formalize and send to draftsman.	0.30	25.50
01/25/08 JP	Review formal drawings received from draftsman.	0.40	34.00

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 75 of 99

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ID: 89190-056606

Re: Delphi Continuous VVA System (DP-315415)

Date	Atty	Description	Hours	Amount
01/18/08	RJK	Review material; develop response strategy.	0.90	225.00
01/24/08	DBD	Prepare response to Office Action and terminal disclaimer.	2.00	390.00
01/24/08	RJK	Review Office Action and references; develop strategy of response.	0.90	225.00
01/25/08	RJK	Review/Revise response.	0.50	125.00
		Total Fees		965.00

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 76 of 99

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ID: 89190-254006

Re: Switchable Cam Follower (DP-315643)

		Fees		
Date	Atty	Description	Hours	Amount
01/14/08	RJK	Advise client regarding PCT demand for search deadline.	0.30	75.00
		Total Fees	•	75.00

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 77 of 99

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Invoice 148997-38

ID: 89190-255006

Re: Cam Phasing - Worm Gear with Electrically Driven Hypoid Gear Actuator (DP-315564)

		Fees		
Date	Atty	Description	Hours	Amount
01/04/08	RJK	Finalize application before filing with PTO.	0.30	75.00
			Total Fees	75.00

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 78 of 99

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Invoice 148997-39

ID: 89190-279006

Re: Interference Re: Patent No. 6,578,535 (DP-307380)

)ate Att	y Description	Hours	Amount
1/03/08 RJ	Phone call with opposing counsel re: issues in dispute; advise client.	0.40	100.00
1/04/08 DK	S Discuss with D. Danella regarding status of interference proceedings, issues relating to reply and motion to exclude.	0.20	42.00
1/07/08 RJ	Phone conference with client to discuss opposing counsel's proposal to narrow the issues.	0.30	75.00
1/08/08 DB	D Review briefs to identify reduction to practice arguments to prepare for Judge's conference.	2.50	487.50
1/09/08 DB	D Conduct research regarding motions to exclude; review Spath deposition transcript to identify "solid model" discussion.	5.50	1,072.50
1/09/08 RJ	Prepare for; participate in conference with the Judge.	0.90	225.00
1/16/08 DB	D Participate in telephone conference with APJ and Senior Party Geyer.	0.20	39.00
1/22/08 DB	D Prepare exhibit chart and exhibits in preparation for Motion to Exclude.	7.30	1,423.50
1/24/08 DK	S Conference with D. Danella regarding motion to exclude, review of file in connection with same.	0.30	63.00
1/24/08 RJI	Review issues regarding motion to exclude; discuss with D. Danella and D. Schaeffer.	0.50	125.00
1/25/08 DB	D Review Exhibits in regard to Motion to Exclude.	2.90	565.50

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 79 of 99

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Invoice 148997-40

ID: 89190-363006

Re: Bias Spring System for Assisting Intermediate Lock Pin Reengagement (DP-315746)

Date	Atty	Description	Hours	Amount
01/11/08	RJK	Discuss notice of allowance with D Danella for follow-up with examiner.	0.30	75.00
01/14/08	DBD	Conduct interview with Examiner confirming the allowance of claims 1-3, instead of just claim 3.	0.20	39.00
01/14/08	RJK	Advise client re: error in Notice of Allowance.	0.40	100.00
		Total Fees		214.00

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 80 of 99

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ID: 89190-411006

Re: A System and Method of Heating an Exhaust Treatment Device (DP-311295)

Date	Atty	Description	Hours	Amount
01/02/08	DBD	Review patent application, Office Action and cited references; prepare response to Office Action.	5.30	1,033.50
01/02/08	RJK	Review Office Action; develop response strategy.	0.60	150.00
01/03/08	DBD	Complete response to Office Action and file with USPTO.	2.10	409.50
01/03/08	RJK	Review/Revise response to Office Action.	0.50	125.00
		Total Fees		1,718.00

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 81 of 99

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ID: 89190-419106

Re: Method for Estimation of Volatile/Combustible Soot Mass Fraction for Regen Control of a Diesel Particulate Filter (DP-315635)

		Fees		
Date	Atty	Description	Hours	Amount
01/04/08	RJK	Forward draft application to non-employee for review.	0.30	75.00
		Total Fees		75.00

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 82 of 99

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ID: 89190-027507

Re: DEAC RFF Roller Z Stop (DP-316359)

Date At	tty Description	Hours	Amount
01/07/08 GP	P Send draft of patent application and drawings to inventors for review.	r 0.30	54.00
01/25/08 RJ	JK Review draft and content of disclosures by R. Roe; advise.	0.40	100.00

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 83 of 99

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ID: 89190-030007

Re: Fuel Pump Actuator - DP-316449 (combined with DP317072, 073 & 074)

		Fees		
Date	Atty	Description	Hours	Amount
01/02/08	RJK	Discuss content of application with R. Brown, to include DP-317072, 073 and 074.	0.40	100.00
	4	Total Fees		100.00

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 84 of 99

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ID: 89190-043107

Re: Synchronization Method for Virtual Check Valve; Variable Cam Phasing (DP-316317)

Date	Atty	Description	Hours	Amount
01/14/08	RJK	Request copy of related DP-314272 from J. Haines; discuss reference with R. Brown.	0.20	50.00
01/16/08	RJK	Follow-up with inventors for additional description of further embodiment.	0.70	175.00
01/16/08	RJK	Discuss disclosure with R. Brown.	0.30	75.00
01/22/08	RCB	Start draft of patent application.	6.30	1,039.50
01/23/08	RCB	Continuation of draft application.	5.80	957.00
01/24/08	RCB	Continuation of draft application.	5.40	891.00
01/25/08	RCB	Complete draft of application.	1.50	247.50
		Total Fees		3,435.00

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 85 of 99

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Invoice 148997-22

ID: 89190-083607

Re: Gen 2 Phaser Bias Spring System Assisting Intermediate Lock Pin Re-Engagement DP-316725

		Fees		
Date	Atty	Description	Hours	Amount
01/25/08	RJK	Discuss prior art with inventor.	0.50	125.00
		Tot	al Fees	125.00

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 86 of 99

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ID: 89190-129207

Re: Optimized Closed-Loop SCR Using Ammonia Sensor Feedback to Predict Catalyst Ammonia Storage DP-316784

		Pees		
Date	Atty	Description	Hours	Amount
01/23/08	JP	Review drawings to formalize and send to draftsman.	0.10	8.50
01/25/08	JP	Review formal drawings received from draftsman.	0.20	17.00
		Total Fees		25.50

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 87 of 99

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ID: 89190-132907

Re: Composite Valve Plate Assembly - Loma DP-317077

Date	Atty	Description	Hours	Amount
01/01/08	RCB	Start draft of patent application.	5.60	924.00
01/02/08	RCB	Continuation of draft application.	6.90	1,138.50
01/03/08	RCB	Complete draft of application.	4.50	742.50
01/10/08	RJK	Preliminary review of draft application and claims.	2.80	700.00
		Total Fees		3,505.00

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 88 of 99

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ID: 89190-139107

Re: Fuel Injector Guide Filter DP-317005

		Fees		
Date	Atty	Description	Hours	Amount
01/03/08	DBD	Prepare response to Patent Office Notice.	0.40	78.00
01/03/08	RJK	Review response before filing with USPTO.	0.20	50.00
		Total Fo	es	128.00

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 89 of 99

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Invoice 148997-35

ID: 89190-155607

Re: Valley Cover Loma with OCV Seats Integral to Carrier Gasket DP-316747

Date	Atty	Description	Hours	Amount
01/04/08	GP	Continue draft of patent application.	5.60	1,008.00
01/08/08	GP	Continue draft of patent application.	4.20	756.00
01/09/08	GP	Complete draft of patent application; prepare drawings.	0.70	126.00
01/09/08	RJK	Preliminary review of draft application and claims.	0.90	225.00
01/18/08	GP	Edit draft of patent application and drawings; send out application and drawings for inventor review.	1.20	216.00
01/18/08	RJK	Review and revise application; send to G. Passlack for completion.	0.90	225.00
01/24/08	JP	Review drawings to formalize and send to draftsman.	0.30	25.50
01/25/08	JP	Review formal drawings received from draftsman.	0.50	42.50
		Total Fees		2,624.00

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 90 of 99

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Invoice 148997-36

ID: 89190-156707

Re: Cam Profile Design for End Pivot Follower DP-317240

Date	Atty	Description	Hours	Amount
01/01/08	RCB	Start draft of patent application.	5.40	891.00
01/02/08	RCB	Continuation of draft application.	6.20	1,023.00
01/03/08	RCB	Continuation of draft application.	4.50	742.50
01/04/08	RCB	Complete draft of application.	1.90	313.50
01/06/08	RJK	Preliminary review of first draft of application and claims.	2.80	700.00
01/15/08	RJK	Make further changes to application; send to inventor for review.	1.30	325.00
		Total Fees		3,995.00

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 91 of 99

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Invoice 148997-1

ID: 89190-003108

Re: Selection Criteria for use of Monolith or Foam Substrates in Laminar Flow Conditions DP-316361

		THE REPORT OF THE PROPERTY OF		
Date	Atty	Description	Hours	Amount
01/13/08	RJK	Review disclosure with R. Brown.	0.40	100.00
01/14/08	RJK	Advise J. Petruzzelli re: government contract number.	0.20	50.00
01/16/08	RCB	Start draft of patent application.	4.10	676.50
01/17/08	RCB	Continuation of draft application.	3.30	544.50
01/18/08	RCB	Continuation of draft application.	6.10	1,006.50
01/21/08	RCB	Complete draft of application.	5.50	907.50
01/22/08	RJK	Preliminary review of draft application and claims.	2.80	700.00
		Total Fees		3,985.00

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 92 of 99

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Invoice 148997-2

ID: 89190-003208

Re: Micro Dimpled Macro Planar Solid Oxide Fuel Cell Design DP-316848

		Fees	其的建设设置的基础设置,其实是是基础设置的	
Date	Atty	Description	Hours	Amount
01/13/08	RJK	Review disclosure with R. Brown.	0.40	100.00
			Total Fees	100.00

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Invoice 148997-3

ID: 89190-007308

Re: Method of Diverting cold Inlet Fuel within a Heated Injector DP-317239

Date	Atty	Description	Hours	Amount
01/11/08	RJK	Review new disclosure with associate; review of related DP-317239, 195 and 283.	0.60	150.00
01/13/08	RJK	Request lead inventor to identify all inventors.	0.20	50.00
01/13/08	RJK	Discuss combining four disclosures with G. Passlack.	0.50	125.00
01/14/08	GP	Review newly received materials; contact inventor.	0.50	90.00
		Total Fees		415.00

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 94 of 99

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Invoice 148997-4

ID: 89190-007408

Re: High Pressure Fuel Injector Coupling DP-317151

Date	Atty	Description	Hours	Amount
01/11/08	RJK	Review new disclosure with associate.	0.50	125.00
01/13/08	RJK	Provide additional materials to G. Passlack.	0.40	100.00
01/14/08	GP	Review newly received materials; contact inventor.	0.50	90.00
01/14/08	RJK	Forward drawing received from inventor to G. Passlack.	0.20	50.00
01/17/08	GP	Telephone conversation with inventors to review disclosure.	1.70	306.00
		Total Fees		671.00

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 95 of 99

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Invoice 148997-5

ID: 89190-007608

Re: Valve Deactivation Assisted Swirl Enhancement for CVVL System DP-317374

Date	Atty	Description	Hours	Amount
01/11/08	RJK	Review new disclosure with associate.	0.50	125.00
01/13/08	RJK	Further review of disclosure with R. Brown.	0.50	125.00
01/16/08	RCB	Start draft of patent application.	6.80	1,122.00
01/16/08	RJK	Discuss content of planned disclosure with inventor J. Lee.	0.30	75.00
01/17/08	RCB	Continuation of draft application.	7.10	1,171.50
01/18/08	RCB	Complete draft of application.	4.10	676.50
01/19/08	RJK	Preliminary review of draft application and claims.	2.70	675.00
		Total Fees		3,970.00

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 96 of 99

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Invoice 148997-6

ID: 89190-007708

Re: Mechanical Lash Set Ring and Retention for DEAC HLA DP-317371

Date	Atty	Description	Hours	Amount
01/13/08	RJK	Review disclosure with R. Brown.	0.50	125.00
01/14/08 RJK	Brief discussion with N. Hendriksma re: need to develop disclosure.	0.20	50.00	
		Total Fees		175.00

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 97 of 99

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Invoice 148997-7

ID: 89190-007808

Re: Fuel Rail Radiated Noise Reduction DP-317319

		Berger and the second of the s		
Date	Atty	Description	Hours	Amount
01/13/08	RJK	Discuss disclosure with G. Passlack.	0.40	100.00
01/14/08	GP	Review newly received materials; contact inventor.	0.50	90.00
	٠	Total Fees		190.00

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 98 of 99

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Invoice 148997-8

ID: 89190-007908

Re: High Efficiency Actuator with Self-Locking Helical Gear for Continuous Variable Valve Lift System DP-317322

Date	Atty	Description	Hours	Amount
01/11/08	RJK	Review new disclosure with associate.	0.40	100.00
01/13/08	RJK	Further review of disclosure with R. Brown.	0.50	125.00
		Total Fe	es	225.00

05-44481-rdd Doc 19180-4 Filed 12/14/09 Entered 12/14/09 11:10:46 Exhibit B-1 continued Pg 99 of 99

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ID: 89190-013708

Re: Dual Deac Rff DP-317422

		Fees		
Date	Atty	Description	Hours	Amount
01/19/08	RJK	Review new disclosure received from Spath in anticipation of provisional.	0.70	175.00
01/21/08	GP	Review disclosure materials.	0.50	90.00
01/21/08	RJK	Review disclosure material with G. Passlack; identify novel features.	0.70	175.00
01/22/08	GP	Start draft of patent application.	1.40	252.00
01/22/08	RJK	Follow-up with G. Passlack to expedite; review additional materials received from inventor.	0.70	175.00
01/23/08	GP	Telephone conversation with inventor to discuss disclosure; continue draft of patent application; complete draft of patent application; prepare drawings.	13.80	2,484.00
01/24/08	GP	Edit draft of patent application; send draft and drawings out for inventor review.	0.60	108.00
01/25/08	DBD	Review transmittal papers for filing patent application with U.S. Patent Office.	0.20	39.00
01/25/08	GP	Discuss draft of patent application with inventor; finalize draft of patent application for filing.	2.10	378.00
		Total Fees		3,876.00